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**From:** Ehsan Madadi [Personal Email / Ex. 6]  
**Sent:** 9/24/2018 6:11:13 PM  
**To:** Murray, Regan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4b06d968152a4cefb83c9864ff5c89c6-Murray, Regan]; Haxton, Terra [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e76c9aaa93b24c6c86c32d636aa5303f-Baranowski, Terra]  
**Subject:** Inquire your help about the possible opportunities in supporting three graduate students  
**Flag:** Follow up

Dear Dr. Murray; Dear Dr. Haxton,

Hello,

I hope this email finds you well. I am Ehsan and I had a chance to meet you on EPANET Summit at Reston earlier in April. For me meeting with you and listening to your thoughts and opinions were an amazing opportunity to extend my understanding at the field of study. I am contacting to ask your help if it is possible, to have the idea of if there is any upcoming proposal due under your program that I can apply for.

There are three fresh MSc students with major in Civil Engineering, one female and two male US Citizens, whom are very interested at our research and are willing to join our group. I am basically looking to find an opportunity to hire them, mostly because they are very talented people and I would like to put part of my time to pass what I've learnt in these years from open source software development and critical thinking and problem solving skills to them and help them to grow and become the future successful engineers and professors. Also, I want to have an impact on increasing of number of women in STEM fields. There is also a high chance that these student would continue their studies at the PhD level and I believe it is crucial for them to be supported at this level. That is why I am trying to help them as much as I can.

There are couple of projects that I have in my mind which would benefit US-EPA and community in homeland security and secure water supply, and these students are good candidates to have their research at this field of study. Mostly all the software and packages I have seen around rely on using workstations or cloud computing. The recent phones have 7nm CPUs with 6.9 billion transistors. The mobile market was valued at USD 1.66 billion in 2017 and is expected to reach USD 17.83 billion by 2023, at a CAGR of 28.41% during the forecast period. These numbers show a good candidacy on bringing the EPANET software to the phones. Biggest networks can easily be computed on the fly on these chips and it helps to figure out the best approach to prevent any contamination spread through water distribution network and reduce the public health and economic impacts.

I would be more than happy to be able to contact you on the phone or travel to meet you at your convenience and share the idea in details. My phone number is 646-951-2242. Thank you very much in advance for your time and consideration, and hope you have a nice week ahead. I will remain.

Best regards,  
Ehsan

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